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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/003,695
Confirmation Number	2536
Filing Date	December 6, 2001
First Named Inventor	Hiroshi TOYAMA
Art Unit	2851 1756
Examiner Name	Not Yet Assigned
Attorney Docket Number	Q67628

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
mc		EP	0 977 092	A2	02/02/200	SEIKO EPSON CORPORATION	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
mc		Patent Abstracts of Japan, JP 63 2 44 056, October 11, 1988	
		Patent Abstract of Japan, JP 63 027 854, February 5, 1988	
		DATABASE WPI, Section CH, Week 199244, Derwent Publications Ltd., London, GB; Class A12, AN 1992-360234, XP-002195131, & JP 04 260059 A (HITACHI), 16 September 1992	
		DATABASE WPI, Section Ch, Week 199920, Derwent Publications Ltd., London, GB; Class G06, AN 1999-236706, XP002195131 & JP 11 065174 A (TOYO INK), 5 March 1999	
		DATABASE WPI, Section Ch, Week 199830, Derwent Publications Ltd., London, GB; Class E07, AN 1998-337649, XP002195132 & JP 10 123762 A (CANON), 15 May 1988	
mc		DATABASE WPI, Section Ch, Week 199728, Derwent Publications Ltd., London, GB; Class G06, AN 1997-302661, XP002195133 & JP 09 114130 A (TOMOEKAWA SEISHIKO), 2 May 1997	

Examiner Signature

m. Og

Date Considered

2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.